R E P O R T R E S U M E S

ED 018 533 VT 000 340

A REPORT OF THE STUDENT VOCATIONAL INTEREST SURVEYS IN OHIO SCHOOLS, JULY 1964 TO JUNE 1965 (INCLUDES SUMMARY FOR 1954 TO 1965).

BY- WINEFORDNER, DAVID
OHIO STATE DEPT. OF EDUCATION, COLUMBUS

PUB DATE 1 JUL 65

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS- SURVEYS, *VOCATIONAL INTERESTS, GRADE 10, GRADE 11, *EDUCATIONAL INTEREST, *HIGH SCHOOL STUDENTS, VOCATIONAL EDUCATION, HOME ECONOMICS EDUCATION, OHIO,

A QUESTIONNAIRE WAS ADMINISTERED TO ALL TENTH AND ELEVENTH GRADE STUDENTS IN 142 SCHOOLS (44,429 STUDENTS) FOR THE 1964-65 SURVEY. THE PURPOSE OF THE QUESTIONNAIRE WAS TO OBTAIN AN ESTIMATE OF (1) STUDENTS' PLANS FOR EMPLOYMENT OR FURTHER SCHOOLING AFTER HIGH SCHOOL, (2) VOCATIONS WHICH STUDENTS THINK THEY MIGHT LIKE TO ENTER, AND (3) THE NUMBER OF STUDENTS WHO WOULD HAVE DESIRED SPECIFIC VOCATIONAL COURSES HAD THEY BEEN OFFERED AS PART OF THEIR HIGH SCHOOL CURRICULUM. SOME FINDINGS OF THE QUESTIONNAIRE WERE--(1) 32,257 STUDENTS (72.6 PERCENT) DESIRED HIGH SCHOOL VOCATIONAL EDUCATION, (2) 20,262 (45.6 PERCENT) PLANNED TO ATTEND COLLEGE, (3) 16,642 (37.5 PERCENT) INDICATED PLANS FOR FURTHER EDUCATION OR TRAINING AFTER HIGH SCHOOL OTHER THAN COLLEGE, AND (4) 5,809 (13.1 PERCENT) INDICATED A DESIRE FOR HIGH SCHOOL VOCATIONAL TRAINING AND HAD NO PLANS TO ATTEND COLLEGE OR GET FURTHER EDUCATION AFTER HIGH SCHOOL. STUDENTS WERE ASKED TO MAKE FIRST AND SECOND CHOICE SELECTIONS FOR VOCATIONAL COURSES THEY FELT WOULD MEET THEIR EDUCATIONAL AND VOCATIONAL NEEDS. THE COURSE SELECTIONS ARE LISTED WITH NUMBERS AND PERCENTAGES. A SEPARATE SHEET WAS INCLUDED IN THE QUESTIONNAIRE FOR HOME ECONOMICS. A TOTAL OF 21,514 GIRLS COMPLETED THE QUESTIONNAIRE, AND A SUMMARY OF THE FINDINGS IS INCLUDED. (PS)

ED018533

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

A REPORT OF THE

STUDENT VOCATIONAL INTEREST SURVEYS

IN OHIO SCHOOLS

July 1964 to June 1965

(Includes Summary for 1954 to 1965)

Conducted by
The Division of Guidance and Testing
Ohio Department of Education
751 Northwest Boulevard
Columbus, Ohio 43212

July 1, 1965

VT 00340

The following report summarizes the findings of the Student Vocational Surveys conducted from 1954 to 1965 and reports the specific findings for the 1964-65 surveys.

During the past eleven years the Student Vocational Planning Questionnaire has been administered to 144,625 students in 520 Ohio High Schools. The questionnaire was developed in 1953 by members of the Committee on Inter-Service Relationships to be included in the publication Course Selection and Career Planning.

The Division of Guidance and Testing has cooperated with the Division of Vocational Education in determining the needs for vocational education in school districts requesting a vocational education survey. In conducting a vocational educational survey, one of the important needs is to obtain the educational and vocational plans for students and determine the number who would have desired vocational education if it were available in high school.

The opening phase of the Student Surveys was the presentation of orientation programs to the students for the purpose of acquainting them with the specific areas of vocational education and the purpose of the survey questionnaire. A slide-tape presentation was used to give an overview of the five areas of vocational education. The Student Vocational Planning Questionnaire was then administered to all tenth and eleventh grade students. The purpose of the questionnaire was to obtain an estimate of (1) students' plans for employment or further schooling after high school; (2) vocations which students think they might like to enter; and (3) the number of students who would have desired specific vocational courses if they were offered as part of their high school curriculum.

SUMMARY OF THE 1954-65 STUDENT SURVEYS
Indicating Student Interest in Vocational Education
520 Schools —— 144,625 Students

Year	Schools Participating	Students Surveyed	Students Interested in Vocational Training	% of Student Interest In Vocational Training
1954-56	27	9,650	5,036	52.2%
1956-57		2,551	1,520	59.6%
1957-58		4,224	2,883	68.3%
1958-59	85	3,887	3,188	82.0%
1959-60		4,026	2,007	49.9%
1960-61		7,350	4,894	66.6%
1961-62	69	18,179	12,593	69.3%
1962-63	96	25,541	19,298	75.6%
1963-64	101	24,788	18,568	74.9%
1964-65	142	44,429	32,257	72.6%
Totals	520	144,625	102,244	70.7%

RESULTS OF THE 1964-65 STUDENT INTEREST SURVEYS
142 Schools —— 44,429 Students

The findings for the Student General Interest section of the questionnaire are as follows:

1. 32,257 students (72.6%) desire high school vocational education.
   a) 5,809 students (13.1%) indicated a desire for vocational training and have no plans to attend college or for further education after high school.

b) 11,872 students (26.7%) indicated a desire for vocational training and also have plans to attend college.

c) 14,576 students (32.8%) indicated a desire for vocational training and also have plans for further education or training after high school other than college.

2. 20,262 students (45.6%) are planning to attend college.

a) 11,872 students (26.7%) indicated interest in vocational training, are making plans to attend college.

b) 8,390 students (18.9%) indicated college plans and have no desire for vocational training.

3. 16,642 students (37.5%) indicated plans for further education or training after high school other than college.

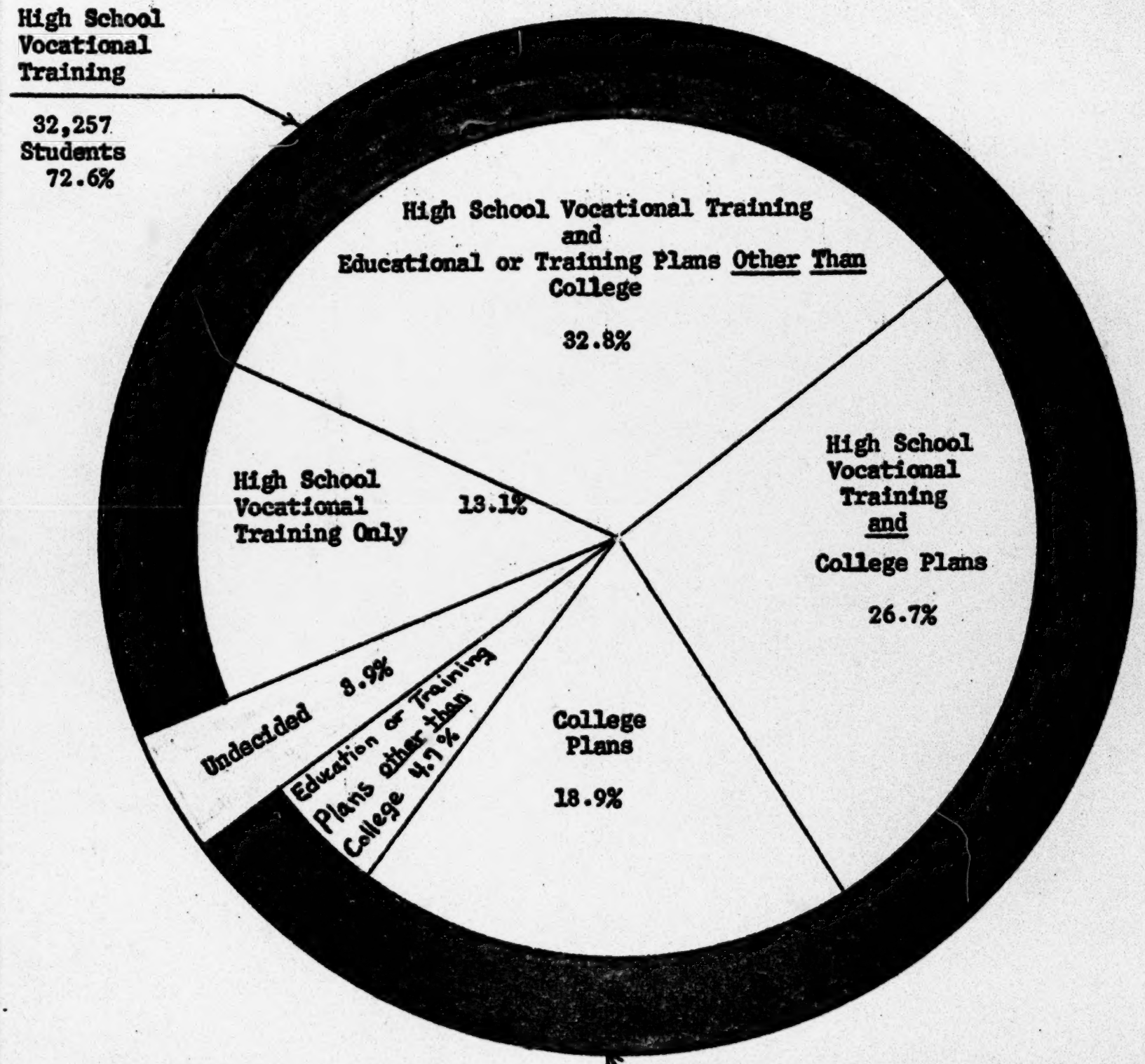
a) 14,576 students (32.8%) indicated plans for further education or training after high school and desire vocational training.

b) 2,066 students (4.7%) indicated plans for further education or training after high school and have no desire for vocational training.

4. 1,716 students (3.9%) were undecided or had no preference.

TOTAL STUDENTS	SCHOOLS SURVEYED
44,429	142

1964-65 STUDENT VOCATIONAL INTEREST SURVEY RESULTS



Schools Surveyed: 142

Total Students: 44,429

Post High School Education
36,904 Students — 83.1%

College Plans — 45.6%
Non College Plans — 37.5%

Those students interested in high school vocational training were asked to make first and second choice selections for vocational courses they felt would meet their educational and vocational needs. First choice selections were made by 32,257 students. Of this number 27,363 students (84.8%) selected vocational courses listed on the questionnaire. The other 4,894 students wrote in vocational courses other than those listed on the questionnaire as a first choice selection. The vocational course selections are listed below:

Vocational Course	First Choice N	First Choice %	Second Choice N	Second Choice %
Computing	1,266	3.9	1,418	4.4
General Clerical	1,705	5.3	1,791	5.6
Stenographic	2,990	9.3	1,983	6.2
Distributive Education	2,569	8.0	1,931	6.0
Agriculture	2,201	6.8	1,355	4.2
Auto Body & Fender Repair	1,017	3.2	1,838	5.7
Auto Mechanics	3,037	9.2	2,474	7.7
Beauty Operator	4,292	13.3	3,173	9.8
Carpenter	570	1.8	791	2.4
Commercial Art	1,304	4.0	1,100	3.4
Cook-Commercial	592	1.8	1,020	3.2
Dental Assistant	1,191	3.7	1,520	4.7
Draftsman	1,368	4.3	1,115	3.5
Electrician - Electronics	1,805	5.6	1,348	4.2
Machinist	798	2.5	884	2.7
Printer	230	.7	334	1.0
Welding-Sheetmetal	428	1.3	938	2.9
Other or None	4,894	15.2	7,244	22.4
Totals	32,257	100.00	32,257	100.0

An analysis of the consistency between items on the Interest and Experience Check List section of the Student Vocational Planning Questionnaire related to the area of first choice course selection was made. Of the 27,363 students making first choice selections for vocational courses listed on the questionnaire, 19,800 students (72.4%) indicated

interest in activities consistent with the area of their vocational course selection. The courses and per cent of consistency are listed below:

Vocational Course	First Choice Selections	Consistent With Interest Check	Per Cent of Consistency
Stenographic	2,990	2,590	87
Beauty Operator	4,292	3,733	87
Dental Assistant	1,191	1,018	85
Commercial Art	1,304	1,097	84
Auto Body & Fender Repair	1,017	836	82
Auto Mechanics	3,037	2,473	81
Printer	230	184	80
Carpenter	570	449	79
Cook-Commercial	592	453	77
General Clerical	1,705	1,266	74
Draftsman	1,368	1,006	74
Machinist	798	540	68
Electrician-Electronics	1,805	1,200	66
Computing	1,266	721	57
Agriculture	2,201	1,137	52
Welding-Sheetmetal	428	175	41
Distributive Education	2,569	922	36
Totals	27,363	19,800	72.4

The low percent of consistency between some vocational courses checked as first choice selections by students and the items on the Interest and Experience Check List related to these courses, may indicate limitations of the questionnaire rather than real inconsistency between activities liked and the vocational course selected.

HOME ECONOMICS

A separate sheet was included on The Student Vocational Planning Questionnaire for Home Economics. A total of 21,514 girls completed the questionnaire. A summary of the findings is below:

1. 15,832 girls (75.6%) indicated interest in vocational education.
    a) 2,652 girls (12.3%) indicated a desire for vocational training and have no plans to attend college or further education after high school.
    b) 4,961 girls (23.1%) indicated a desire for vocational training and also have plans to attend college.
    c) 8,219 girls (38.2%) indicated a desire for vocational training and also have plans for further education or training other than college.
2. 8,657 (40.3%) are planning to attend college.
    a) 4,961 girls (23.1%) indicated interest in vocational training, are making college plans.
    b) 3,696 girls (17.2%) indicated college plans and have no desire for vocational training.
3. 9,432 girls (43.8%) indicated plans for further education or training after high school.
    a) 8,219 girls (38.2%) indicated a desire for vocational training and also have plans for further education or training other then college.
    b) 1,213 girls (5.6%) indicated plans for further education or training after high school and have no desire for vocational training.

4. 773 girls (3.6%) were undecided or had no preference.

High school vocational training was desired by 15,832 girls (73.6%). Of this number 4,961 girls indicated a desire for vocational courses (other than Home Economics) along with their college preparatory courses. Eighty-four percent (18,089 girls) have college or post high school education or training plans.

Of the 21,514 girls completing the Home Economics section of the questionnaire, 11,858 (55.1%) have had or were enrolled in Home Economics. A total of 8,187 (38.1%) had not taken or were not enrolled in Home Economics, but expressed a desire to take it.

The 11,858 girls having had or were enrolled in Home Economics indicated they would like to have additional courses in that curriculum area. The courses, along with the number and percent of students expressing an interest in them are listed below:

Home Economics Course Selection of 11,858 Girls Having Had or Were Enrolled In Home Economics	Number	Percent
A one year general course	3,257	27
A one year course in Family Living	3,522	30
Care of the Sick	3,505	30
Meal Planning, Preparation and Service	4,540	38
Child Development	6,270	53
Interior Decoration	5,816	49
Wardrobe Planning and Clothing Construction	5,927	50
Home Management	4,015	34

A total of 8,187 girls (38.1%) indicated they had not taken or were not enrolled in Home Economics but desire to take at least one course. The course selections for this group are listed below:

Home Economics Course Selections of 8,187 Girls NOT Having Had or NOT Enrolled in Home Economics	Number	Percent
A one year General Course	1,852	23
A one year Course in Family Living	1,934	24
Care of the Sick	2,405	29
Meal Planning, Preparation & Service	2,544	31
Child Development	4,063	50
Interior Decoration	4,522	55
Wardrobe Planning and Clothing Construction	4,053	50
Home Management	2,297	28

SCHOOLS SURVEYED 1964-65

HARRISON COUNTY

Scio
Connotton Valley
New Athens
Jewett
Cadiz
Lakeland
Hopedale

MERCER COUNTY

Immaculate Conception
Coldwater
Ft. Recovery
Marion
Mendon-Union
Minster
New Bremen
Parkway
St. Henry

MONROE COUNTY

Skyvue
Beallsville
River Local
Woodsfield

CLERMONT COUNTY

Batavia
Felecity-Franklin
Bethel-Tate
Williamsburg
Goshen
Amelia
Glen Este
New Richmond
Milford
Clermont Northeastern

LAWRENCE COUNTY

Fairland
South Point
Dawson-Bryant
Rock Hill
Chesapeake
Ironton
Symmes Valley
Blackfork

GUERNSEY COUNTY

Meadowbrook
Madison
Cambridge
Zane Trace

ASHLAND COUNTY

Hillsdale
Loudonville
Mapleton
Ashland

BELMONT COUNTY

Barnesville
Bellaire
Bridgeport
Flushing
Martins Ferry
Powhattan
St. Clairsville
St. Johns
Shadyside
Union

PICKAWAY COUNTY

Circleville
Logan Elm
Westfall
Teays Valley

ROSS COUNTY

Bishop Flaget
Centralia
Chillicothe
Clarksburg
Frankfort
Huntington
Kingston
Paint Valley
Southeastern
Union-Scioto

WASHINGTON COUNTY

Warren
Marietta
Belpre
Wolf Creek
Fort Frye

CUYAHOGA EAST

Orange
Chagrin Falls
Solon
Maple Heights
Garfield Heights
Mayfield
South Euclid-Lyndhurst
Richmond Heights
Bedford
Warrensville Heights
Beachwood

COLUMBIANA COUNTY

Beaver
Columbiana
Crestview
East Liverpool
East Palestine
Leetonia
Lisbon
Salem
Southern
United
Wellsville

MONTGOMERY COUNTY

Miamisburg
Brookville
Wayne
Trotwood
Johnsville-New Lebanon
Mad River

MARION COUNTY

Elgin
Pleasant
River Valley
Ridgedale
Marion Catholic
Marion Harding

CUYAHOGA WEST

Westlake
Brooklyn
Bay
Fairview
North Olmsted
Olmsted Falls
Rocky River

MADISON COUNTY

London
Jonathan Alder
Madison South
Plains
West Jefferson

VINTON-JACKSON COUNTY

Allensville
Brown-Zaleski
Hamden
McArthur
Oak Hill
Wellston
Wilton

CARROLL COUNTY

Malvern
Carrollton
Augusta

CUYAHOGA SOUTH

Brecksville
Highland
Independence
Nordonia
Revere
E. E. Root
Strongsville

INDIVIDUAL SCHOOLS

Bellefontaine
Anna
Bellevue
Stow

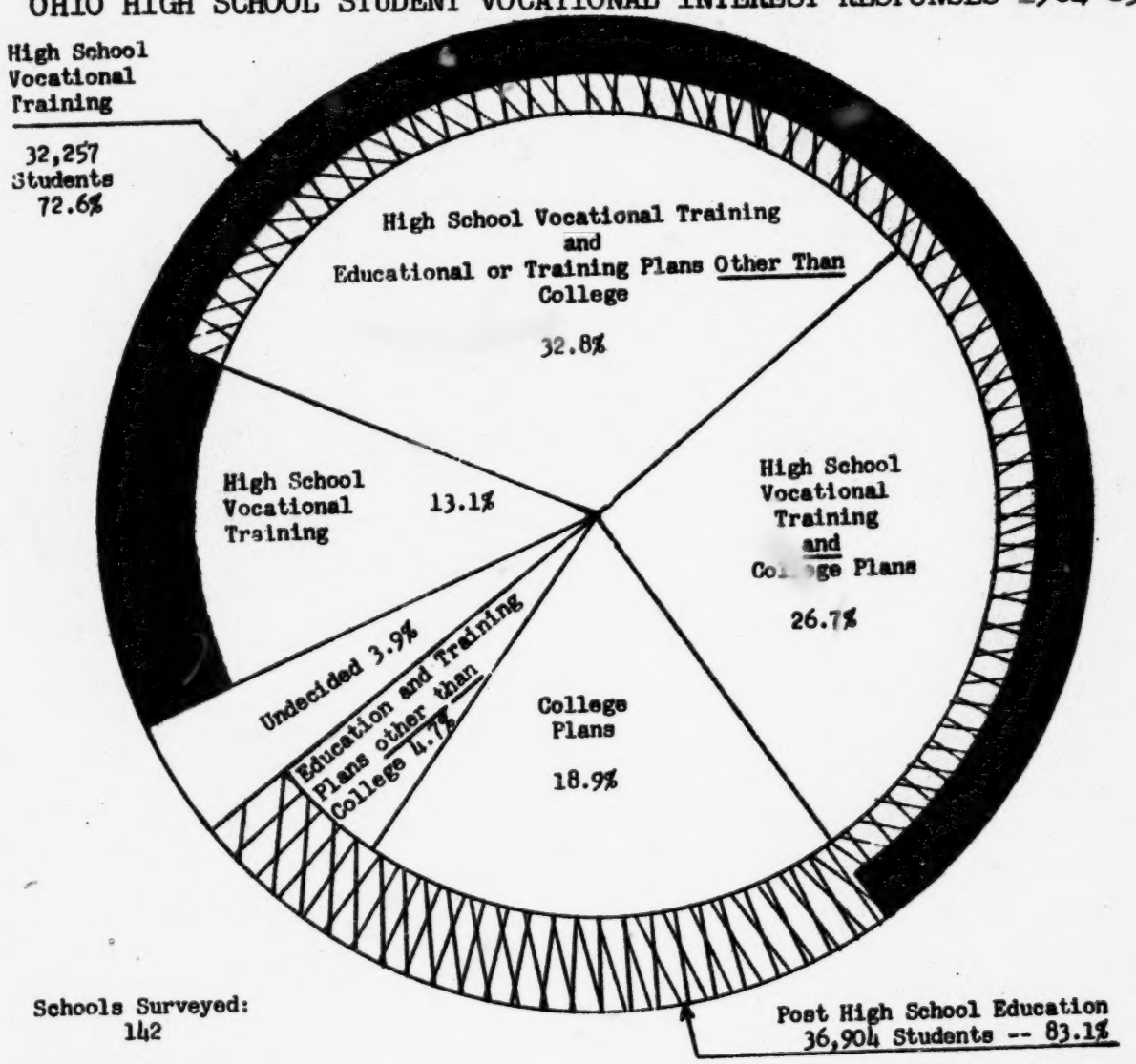
Report Submitted by:

Dave Winefordner
District Guidance Supervisor
July 1, 1965

GUIDANCE SERVICES IN CAREER PLANNING

Students in Ohio high schools want vocational education. This has been determined through student vocational interest surveys conducted in 520 Ohio high schools since 1954 by the Division of Guidance and Testing in cooperation with the Division of Vocational Education, State of Ohio, Department of Education. During the 1964-1965 school year, 44,429 sophomore and junior students from 142 city, exempted village, and local (county) schools completed the Student Vocational Planning Questionnaire as a part of school-community surveys to determine the practicability of initiating or expanding vocational course offerings in the high school curriculum. A total of 32,257 (72.6%) indicated an interest in vocational education as a part of their high school educational program. Of this group, 5,809 students (13.1% of all those surveyed) indicated a desire for vocational training and have no plans for further education or training after high school; 14,576 (32.8% of the total) desired vocational training and also have plans for further education or training after high school, other than college; and 11,872 (26.7%) wanted a combination of college preparatory and vocational courses. A total of 36,904 students (83.1%) had plans for post high school education or training. Of this group 20,262 students (45.6% of the total) are planning to attend college, while 16,642 (37.5%) indicated plans for further education or training after high school, other than college.

OHIO HIGH SCHOOL STUDENT VOCATIONAL INTEREST RESPONSES 1964-65



One function of the school counselor in Ohio is to assist each student in considering vocational goals or areas which will utilize his strongest potentials of intelligence, special talents, personality, interests, and values. This is a part of the overall purpose of guidance in assisting each student to understand himself better, to plan his education, to make a vocational choice, and to grow personally.

Enclosure with September/October, 1965 issue of "Ohio Guidance News & Views"
DIVISION OF GUIDANCE AND TESTING
State Department of Education
751 Northwest Boulevard, Columbus, Ohio 43212